

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [12154] 38 spcl. questions
Message-ID: <Pine.OSF.3.95.970216011430.23470C-100000@duke.usask.ca>

I received my 38 spcl. kit last week, and unlike the 40-9er which I built in a hurry so I could get on the air on HT I plan to savour this one...

I have looked at the kit, read the discussions of the mods and have some questions:

1. I have raided an old TV for potentiometers. I have found ones for the RF gain and RIT. They seem to be linear taper. Is this a problem?
2. I am thinking of installing a switch (something like double pole, triple throw) as a low/high power switch to control the use of the 5W mod. It seems feasible but am I missing something?
3. Some have reported that the tuning is a bit finicky. Would it be a good idea to replace the 100K pot with a (say) 90K one in series with a 10K one where the 10K one could provide fine tuning? If so what would be a good ratio of values? 90-10, 80-20, etc.?
4. Is it possible to use a TV UHF control to build an antenna tuner? If so are there any articles on it?

BTW the badgers are still hibernating here.

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+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| Keep Cool, but Don't Freeze                                     |
|           - Hellman's Mayonnaise                                     |
+-----+
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From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: n5zgt@swcp.com (Brian Mileschosky)
Subject: [12198] 38S Pots - WHERE?
Message-ID: <199702161956.MAA13216@kitsune.swcp.com>

Hello Everybody,
I just got back from Rat Shack...I figured since everything else was

closed they would have the 2 pots (1K & 100K) I need to complete my 38 Special. Well, they had one of the two I was looking for (Out of a whopping total of 4 others in the whole store), but this thing was HUGE!

Are there smaller pots available? If so, where can I get ahold of a couple? The electronic parts store I normally go to probably has them, but I'll ask on QRP-L anyway. Thanks!

72,

Brian, N5ZGT

Boy Scouts of America	Amateur Radio - N5ZGT
Eagle Scout (12-6-96)	ARRL QRP: NorCal# 1700 QRP-L# 580 AK/QRP # 125
JASM - Troop 41	Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: Thomas Hartley <n6ypu@ns.net>

Subject: [12176] 38S Thump/NW80-20 Thump

Message-ID: <199702161605.IAA04719@tomcat.ns.net>

Pages 38 and 39 of the December QRPp have an article written by Paul Harden, NA5N, on a thump he eliminated within an NW80-20 rig. He mentions the techniques he used to allow him to view the thump on an o-scope. I just thought it may be of some help for those of you trying to eliminate the thump within the 38 Special. I haven't tried his tests since I don't have an o-scope or an assembled 38 Special.

73

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: gsurrency@juno.com (Gary L Surrency)

Subject: [12111] 38s, LDG tuenrs, dummys, etc.

Message-ID: <19970215.171649.12086.1.gsurrency@juno.com>

I'm gonna remove the RIT mod today, and I just got another 22.118 Mhz crystal to try if I still can't get the VXO range I should. I also picked up a little LM386 audio amplifier kit for \$8.00 to bring up the audio level to a comfortable level while troubleshooting so I don't have to wear the

blasted headphones and get all tangled up with the tools and soldering iron cable! :-(

In fact, if it works out OK, I may leave the audio amp on and add it to the cabinet assuming it doesn't add too much hiss!

On the LDG QRP tuner,

My momentary SPDT switches for the CAPand INDUCTOR up / down have a really crummy feel. So I bought some prime ones today from Electronic City that act a lot better. I prefer the pushbuttons of the QRO unit, but realize the TT case shallow height really didn't permit them to be used. Anybody else notice this shortcoming of the QRP tuner, or am I just too damn critical? 8<P

BTW, you can still get that little QRP dummy load from R/S, but you gotta get it from their RSU (Radio SHack Unlimited) division.

pn. RSU 11269479 \$21.99 15W continuous, 100W 15 sec. DC to 500 Mhz Custom made for R/S in Japan. Nice quality.

Page number 49 of the current 1997 catalog.

Somebody here said they discontinued this item, which isn't quite true.

Standard Disclaimer applies, no relationship to R/S.

72 to all,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [12143] AH6MZ - 7040 - 0538 UTC
Message-ID: <19970215.224327.7719.1.tayloe_d@juno.com>

I Just worked AH6MZ with my homebrew QRP 5w around 7.040 MHz.

Saturday Evening - Sunday morning 0538 UTC

Yeeessss!

Go get him!

- Dan Tayloe N7VE (ex-KK7BD), Phoenix, Az, QRP1 # 696; Az ScQRPions

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [12203] Alaska on 14.035 - 1953 UTC
Message-ID: <19970216.133718.7543.1.tayloe_d@juno.com>

These contests are great!

Alaska KL7RA is on 14035 right now, Sunday pm 1953 UTC.

Last night Hawaii and Brazil (40m), this morning Montana and Japan (40m),
and now Alaska on 20m. Got to love it.....

Back to sifting for states I need for WAS.

- Dan Tayloe, N7VE (ex-KK7BD), Phoenix, AZ, QRP1 # 696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [12147] ARRL DX and new call!
Message-ID: <Pine.A41.3.95q.970215233024.65766C-100000@hector.NMSU.Edu>

Hey, pretty good stuff out there. Worked KL7Y on 20 and 40m. Also picked
off KH6, 9Y4, JH7 and XE2. Unfortunately, checked QRZ data base and found
that I've had a new call since the 12th. It's K50I and my YF is asking
what I'm going to do with the AB50U belt buckle, QCWA bolo tie, and about
500 qsIs!

Guess I'm going to have to figure it all out - I'm so confused!

Tim K50I

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: nfn04028@naples.net
Subject: [12186] AT-11 14pin header problem fix
Message-ID: <199702161758.MAA19852@gator.naples.net>

I'm sure that soldering the header to the tops of the pads would be mechanically and electrically OK, but somehow the idea offended my aesthetic sensibilities :-). So here's what I did.

With one of the xyl's emory boards I filed down the pins until they just fit snugly while protruding through the holes.

Hold the emory board parallel to each side of each row of 7 and you're filing 7 at a time. Crosswise you file 2 at a time. If you can get the board in diagonally, you can file down the corners of the pins, which is actually the best way to reduce the size. (Remember that hypotenuse stuff?)

It didn't take but about 5 minutes, doing it by stages and testing the fit each time. One of those small, thin hobby files would do it faster, but might take off too much too quickly.

Since this was a little hard on the gold plating I tinned the pins right away to inhibit corrosion.

Try it, you'll like it. 73, Marty, K1FHR

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [12185] AT-11 not working
Message-ID: <01IFHE63S4T08WW9Y8@tntech.edu>

> boy.. I about give up
>
> was real careful building the AT-11. check everything a number of
> times both before and after building it.
>
> when I power it on, seems like all the relays active. seems to be
> using about 250 ma or so.. but really can't tell.. then the relays
> go for about 2-3 seconds..then turn off and it seems to be drawing
> about 400 ma at that point.
>
> I tried disconnecting all the mods . still same.. same with 14 pin
> connector connected or not.. can't find any solder bridges.. used
> a high power magnifying glass. can't find any parts in wrong..
> pulled out one relay transistor.. it is fine.. they all measure

> ok.. pulled out U2? the near the processor.. still same thing even
> with it out of the board.
>
> any suggestions?
>
> help will be VERY appreciated.
> thanks
>
> Jeff

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [12195] Attn: NT1U
Message-ID: <199702161912.NAA04099@dfw-ix12.ix.netcom.com>

Got ur order, lost ur email, contact OHR fer payment. GL es 73, John

sri fer bndwidth

+++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
K7MP ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
+++++

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Frank McCrackin <wb6lma@cdsnet.net>
Subject: [12179] Candles for Emergency Warmth
Message-ID: <199702161645.IAA14071@mail.cdsnet.net>

Have been watching the thread concerning use of candle to keep warm in
a limited space. It has been suggested that candles would poison the
air with carbon monoxide. I doubt it.

If the candle is allowed to burn in an adequate oxygen environment the
resultant product should be carbon dioxide not carbon monoxide. When
you breath oxygen from the air, you exhale carbon dioxide. Added
carbon dioxide in a car or tent is not a risk at reasonable percentages
in the air. One can "drown" from the lack of oxygen. If the carbon
dioxide proportion gets too high, one will feel shortness of breath.
72, Frank - WB6LMA

QRP ARCI #8959 NORCAL QRP #1387 G-QRP #9082 QRP-L #542 CQC #333 ARS #115
Lat. 42.2240 Long. -123.1671 Grid CN82HL
Francis A. McCrackin
Address: 180 Calvert Drive
QTH: Grants Pass, OR 97526 FAX: 541-476-1600 Phone: 541-476-8240

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [12139] China - QRP!
Message-ID: <33069C3E.7B91@dancris.com>

BY4A on 7.032 right now. Got him at 0527 with 3W from the HW-9. Cool!

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: W0rw@kktv.com
Subject: [12149] China is JAM
Message-ID: <199702160654.BAA53294@nss2.CC.Lehigh.EDU>

i just worked 6Y4A in Jamaica, 0635Z ,7030, probably not BY4A :<
Paul R. Signorelli V
w0rw@kktv.com
<>< Wise Men Still Seek HIM <><

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: N4JS <n4js@amsat.org>
Subject: [12160] CMOS
Message-ID: <v03020904af2c6c37143c@[206.106.174.44]>

Reading of the CMOS losing 'smoke' brought back memories. About 15 years ago I was HEAVILY into VHF/UHF, living in Mississippi. I bought a GasFet to build a preamp. At the time, the GasFet cost me almost \$80 !! You guessed it, I zapped it! My shack was in the basement, but it was a finished basement, and carpeted. Always after that, I used to go into the attached bathroom, and put my foot in the toilet, before touching a GasFet. Built a lot of preamps in that bathroom sink!

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  | _ | \ _ | | _ | \ _ _ / | _ _ /
#507

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John L. Sielke n4js@amsat.org n4js@pobox.com
 n4js@n4js.ampr.org JN Grid:FM29LN
<http://www.pobox.com/~n4js>
 NJ-QRP #57 QRP-L #884 QRP-ARCI #9328 NE-QRP

G-QRP #9544 Norcal #????

QCWA Life Member

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
 From: Richard Wilkerson <richqrp@cts.com>
 Subject: [12177] CW net
 Message-ID: <330717C1.4749@cts.com>

Can anyone tell me if the WSN-40 still meeting on Saturday mornings?
 I cant hear a thing down here in Santee. Iam there every Saturday at
 0900 hrs. but have not heard anyone lately.
 thanks rich

--
 Rich Wilkerson, WD6FDD, Santee, Ca.
 ScQRPions

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
 From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
 Subject: [12190] Doug Hendricks email address
 Message-ID: <199702161827.MAA22375@vob005.spd.dsccc.com>

Arjen Raateland, SYKE/YV <Arjen.Raateland@vyh.fi> wrote (ar>)
 ar>
 ar> Would anybody know Doug Hendricks' proper email address?
 ar>

I show TWO address[es] for Doug...
 First is the address he has used for about one year...

Doug Hendricks, KI6DS ki6ds@telis.org

But then on valentines day, ht posted a message regarding
 handicapped assistance (here is the header)

From owner-qrp-l@Lehigh.EDU Fri Feb 14 11:38:58 1997
 From: Doug Hendricks <ki6ds@dpol.k12.ca.us>

Subject: Handicapped assistance & NorCal

So I guess you have to pick from these.

Regards,

Charles Cashion, W5ISZ, Did you hear abt the two electrical engineers that got into a fight over JK flip flops versus D flip flops? It took the police to break it up. They reported it as the flip flop flap.

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Arjen Raateland, SYKE/YV, puh. 09 4030 0457" <Arjen.Raateland@vyh.fi>
Subject: [12163] Doug, KI6DS's email address?
Message-ID: <01IFHGFHKXX68Y6DSL@vyh21.vyh.fi>

Would anybody know Doug Hendricks' proper email address? The address that is on his newest messages was not accepted by the mail forwarding system when I tried to send him a message lately. I tried a few times.

Sorry, I cannot quote the address that causes the problem, because at the moment I use a dial-in line to the server at work, but I've moved all messages from the server to my PC at work and cannot access those from home...

tnx es 73, 0H2ZAZ

Arjen Raateland

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.....--...-...-....-...-...-
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax  +358 9 4030 0490
..-.--..-

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From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Floyd Smithberg <floydqn7x@worldnet.att.net>
Subject: [12131] DX Test Miles/Watt
Message-ID: <19970216043046.AAA16944@LOCALNAME>

Spent bout 6 hrs so far looking for new QRP DXCC countries...4 new ones for new total of 85. Interesting experiment tho...was using 5W and worked 30+ contacts in EU,AF,SA,NA,Asia and thought I'd try 1W. On 20M called AH6MZ...no problem...called JF3CNN still ok. Wow, lets go for 0.5W...called and worked JA9XBW, JI3BFC and JR3KQJ at 1/2W, all within 16 minutes around

0115Z !!! Couple repeats but 100% exchange.
EQF logging program gave mileage to the J's as $5752/0.5=11,504$ miles/watt!!
Not bad for QRP at the bottom of SS cycle or were they up today?
PS. Antenna is 3 element Explorer at 45'...rig=TS850
Floyd NQ7X Phoenix ScQRPion dm33uq
ARCI G-QRP NORCAL ARRL

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [12130] DX!
Message-ID: <33068E2D.4CF7@concentric.net>

Just worked KH6RS 7037.5 4:29 UTC
P49V 7043
Xe2L 7035
9y4vu 7013

All in the last 15 minutes of just piddling around. Band is in goo shape here.
OHR 400 5 W Gap Titan

Best
Jess

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [12142] DX! Tnx, guys
Message-ID: <33069E05.5CC@dancris.com>

Thanks for the spots, guys. Worked 9Y4VU at 0535 and AH6MZ at 0537, both on 3W, HW-9, R-7 at ground level. Add them to China, and that's real QRP...what fun this is.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400, HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: Roger Hightower <n7kt@dancris.com>
Subject: [12148] DX! Jamaica, not China
Message-ID: <3306AEA3.364B@dancris.com>

Well, heck. Now that I listen more closely, my contact was 6Y4A.
Jamaica, _not_ China. Rats, :-(

Still pretty fair for the crummy antenna I have.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: n4so@juno.com
Subject: [12184] DXCC Countries Lists
Message-ID: <19970216.132808.5223.1.N4S0@juno.com>

Several versions of DXCC Countries Lists are available from the ARRL at
info@arrl.org

DXCCK2DI.TXT (this version is what I have and is 17,000 bytes)
DXCCLIST.TXT updated from ARRL
and the W2IOL long versions in 2 sections
DX_W2IOL.A-P and the same filename with .Q_Z

All requests to the ARRL info server use the format in the Message
section--

send (file name)

Ken Brown , N4S0
QTH: Nr Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "STEVEN V. SELLMEYER" <ss94239@navix.net>
Subject: [12173] Freq. Counter
Message-ID: <3307536E.6E17@navix.net>

Gang, I have a Radio Shack frequency counter Cat. NO. 22-305 Handheld model

and would like to know if there are other owners out there. Specifically I'd like to know how to use it for hooking up to test points on the Emtech 80 meter qrp transceiver I'm presently building. The instructions say nothing about building a probe etc. and I don't want to damage it or the radio. Last night I checked the voltage at the test point and it was below the "safe" range of the counter so I hooked a wire to the telescopic antenna and the other end to the test point. Set the switch to Hi-z and range to 50MHz.....voillaaaaaaaa.....all was well. Should I use a capacitor in series or something??? I can't give blood for a while as I think I'm quite low sweating it all out. I normally use it by placing the antenna close to an antenna to check freq. output. Can anyone educate this 48 year old aircraft maniac (mechanic) on how to make a probe or properly use it??? I do know the difference between RF and hydraulic fluid plus a search engine is underpowered on KC-135R tankers. heh heh.

Thanks in advance
Steve...WB0QQT....Lincoln,NE

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Jim Hydzyk <congress@magpage.com>
Subject: [12208] FSFD Blowout
Message-ID: <199702162137.QAA05403@alaska.magpage.com>

Hey all you fun-seeking WASers,

It seemed aparent that most of the rare states were going to be on during the FYBO and CQC upcoming weekend. Rather than compound operator and families lives with specific schedules, we are suggesting that you operate when you can and have a darn good time. Thanks to Marshall and Joe/AB7TT for responding quickly to my inquiry and suggestions, and to Byron for his input.

Thanks to all who have offered to be there. All of you have made the first winter FSFD a huge success.

CU next week from Delaware, 72/73, Jim K3QIO

P.S. Look for the 50/40 activity by Mike-K1MG starting soon.

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [12135] FSFD VA
Message-ID: <Pine.A32.3.93.970215235930.19751A-1000000@weyl.math.Virginia.EDU>

Contacts made:

W9KI
K5ID
KA0TNR
N6ZKT
AA9PZ
W8LQ
W4LDE
W3TLV/4
W1ME

Anyone else who wants to suggest an operating time/band
(other than ARRL DX CONTEST!), feel free to do so.

72, Ralph N7RI
Charlottesville VA

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Phil Sikes" <psikes@whidbey.net>
Subject: [12122] FSFD WAS
Message-ID: <199702160315.TAA10572@islander.whidbey.net>

There is no way I can get a clear freq around 7.040 so will be on
again at the same time 0300 - 0400 UTC 17 Feb. On the novice freq. I
worked the following:

W6EMD	559	CA	2w
AB5UA	579	OK	4w
W2DP	559	NJ	5w
K5ID	539		5w
KA0EGZ	579	MN	50w (Got him interested in QRP!)
KF6AVD	559	WA	5w

Lots of fun, just wish I could have scared some testers off with my
mighty 5 watts. Rig was a QRP+ at 5 watts to an inverted vee and
Vibroplex iambic paddles. Hope to see you tomorrow night with an open
frequency..

72 - Phil
Phil Sikes - KJ7NS
ARCI #9196 - QRP-L #528
FISTS #2602 - NW QRP #412

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Bill Todd <bill@techline.com>
Subject: [12200] FSFD WAS QRP on 14086
Message-ID: <1.5.4.32.19970216201900.00688f90@mail.techline.com>

Hi gang -

I have been on 14086 sending "CQ WAS QRP" in RTTY for a bit, but have received no answers yet.

Are you game?

CU there - Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12133] FYBO Construction Award
Message-ID: <199702160442.VAA24749@usr10.primenet.com>

Ralph (N7RI) wrote:

> Mike should be in the running for a special FYBO Low Temperature
> Construction Certificate! :-)

I'm tempted to give him a special bonus for every FYBO QSO he makes with the rig. :-) Something about forging an xcvr in the snow and cold, kind of like building Excalibur itself. Figure if building antennas in the snow and sleet gives you 10dB gain, building a rig the same way must give it some good HF karma. Hee Hee.

That and a bonus for Steve's (N0TU) trial-FYBO snow cave adventures. Got some pretty adventurous folks out there! I'm feeling humbled yet again. :-)

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

7 Days 'Til FYBO!!!

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [12202] Hawaii on 15m!
Message-ID: <19970216.133718.7543.2.tayloe_d@juno.com>

KH6RS on 21030 or abouts 2034 UTC!

My QRP finals are blown. I worked him with less than 1/4 w!!!

- Dan Tayloe, N7VE (ex-KK7BD) Phoenix, Az, QRP1 # 696, Az ScQRPions

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [12125] Hawaii on 7.037.8 0350z
Message-ID: <199702160356.WAA17274@smtp3.erols.com>

kh6rs is a real 599 in maryland. got him second try
with 3 watts to a vertical, no bull.
happy hunting, no pile ups
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.
38 special at 300mw

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [12127] Hawaii on 7.037.8 0350z
Message-ID: <199702160358.WAA17327@smtp3.erols.com>

>Date: Sat, 15 Feb 1997 22:56:39
>To: QRP-L
>From: Scott Bauer <ke3nv@erols.com>
>Subject: Hawaii on 7.037.8 0350z

>
> kh6rs is a real 599 in maryland. got him second try
>with 3 watts to a vertical, no bull.
> happy hunting, no pile ups
>

By the way Yeeeeppppppiiiiieee!!!, now where is that k17
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.

38 special at 300mw

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Stan <stan@cruzio.com>
Subject: [12115] hp2/n6nt on 7032.6
Message-ID: <3306615F.1E66@cruzio.com>

Bruce hp2/n6nt is on freq and fairly easy to work from usa
time is 01:18 utc

The exchange is : 599 CA or whatever ur 2 letter state Id is

G/l

Stan, N6XU

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [12152] ITS ALIVE....ITS ALIVE !!!!!!!!!!!!!
Message-ID: <199702160713.CAA59306@nss2.CC.Lehigh.EDU>

Gang,

Just finished my 38 special , (well kinda) , had to see if I could keep the smoke in on first pwr up , IT STAYED IN !!! And the rx'er came to life !!!!!!! ITS ALIVE , ITS ALIVE..... At least I can hear my own sig. from my TS-430s, am waiting for the 1K and 100K pots along with a few other parts to arrive in the mail , should be here on Tuesday. So then I will be able to fine tune this baby, BTW , was able to get TWO peaks on RX, without having to take any windings off of T-1. But will have to wait for the other parts to arrive so I can finish the job.. So far so good !!!!! This is the stock rig, no mods..... yet?...The rx seems to be up around 10.151, should it be that high in the band ?? Since I don't have the 100k tuning pot , I am unable to check the bandwidth. Anyway to bring this puppy down lower in freq.? Something to do with L-1 I bet..... Now where did I put my notes on this subject, THIS ROOMS A MESS, HOW AM I GONNA FIND ANYTHING WITH ALL THIS CLUTTER ???? How can building such a small rig create such a BIG mess ??? Can't wait til tomorrow when the band opens up, so I can hear some other sigs.... WHAT? I promised the YL we'd go skiing tomorrow ???? Oh geeeeezzzzzzzzzz !!!!!!! Oh well , can't do anything with the rig yet ,cept look at it !!!! Thanks for the bw, (now comes the web site plug...) those of you who are interested in my review of the 38 spl as well as other things I've built lately, check out my web site at

<http://www.magiclink.com/web/shurst/Reviews.html>
Thank you , and good nite !!!!!

73,
Steve Hurst
KA7NOC
dit dit

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Jeff Casey <WB5GWB@sprynet.com>
Subject: [12213] Jamaica, not China: A Freudian Analysis
Message-ID: <199702162348.PAA14613@m7.sprynet.com>

On Sat, 15 Feb 1997, Roger Hightower <n7kt@dancris.com> wrote:
>Well, heck. Now that I listen more closely, my contact was 6Y4A.
>Jamaica, _not_ China. Rats, :-(
> . . .

Roger,
Don't feel bad -- same thing happened to me, with a slight twist. Worked him Saturday morning on 20m, then went to the LIQRP meeting and began graciously accepting everyone's congratulations on working China with 5w into a wet (Chinese) noodle. Later, Art, W2NRA, checked into it and discovered that it was indeed 6Y4A in Jamaica, not BY4A in China. (Guess I should have realized that something was awry when everyone kept asking me if there was a *REALLY BIG* pileup on him!)

So, since my code copying skills are of course beyond reproach, here's my alternative theory: You see, the guy has been *unconsciously conditioned* to commit a slight Freudian (well, Skinnerian, actually :-) error of omission and drop one dit every now and then when he sends his call. Whenever he does this, he is rewarded with lots of stations calling, which subliminally reinforces the mistake. After working him, each op gets all excited, looks for QSL info, checks the DX bulletins, or just listens to him some more like you did. Each op then discovers his true call and corrects his/her log. Thus, the guy ends up with a huge contest score...

Hey, it could happen!! Way more likely than me copying down the wrong call!
:-) :-) :-)

BTW, I worked about a dozen countries plus a KL7 in about 3.5 hours on 20m in the ARRL CW DX contest. Not bad for 5w into a Chinese noodle. (But they make 'em really long over there to help out covert hams, you know :-)

72,
Jeff

Jeff T. Casey / WB5GWB / Long Island, NY
ARCI ARRL ARS LIQRP NorCal QRP-L

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Joel Malman <malman@BBN.COM>
Subject: [12214] KG4ML QSL route
Message-ID: <199702162353.SAA38454@nss2.CC.Lehigh.EDU>

Group,

I had the good luck to work KG4ML this weekend (on 15m). Of course the call is NOT in the QRZ because it is a military issued call. There was some talk about QSL'ing Guantanamo Bay over USENET last week, but not thinking I would ever work him, I did not save the messages. I believe his QSL manager is in the W2 area. Anyone save those messages? Please help.

/joel walqvm

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [12136] KH6RS Now!! 5:09 UTC
Message-ID: <33069711.6714@concentric.net>

You can work KH6RS at 7037 and AH6MZ at 7038 right now QRP. I just nailed him 2 watts from the NW40 at 2 watts. I new it was a dupe but wanted to try for lower power...

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Len W. Tough" <len@infinet.com>
Subject: [12175] KITBUILDING: I need a new kit! Suggestions?
Message-ID: <199702161552.KAA28892@mail1.infinet.com>

Hi gang.

Well, I hate to sound like a spoiled child, but I am fresh out of kits to build. I was wondering if anyone in the group has built a recent kit that they really enjoyed/found useful/challenging/fun, you name it.

Here is what I have in the shack already built - these are OUT of the running

NORCAL 38s rig
49er rig
Oak Hills Research 400 multiband rig
S&S Engineering TAC1 rig
TICK, KANGA, KIRSTA keyers
LDG QRP Autotuner
LDG QRO Autotuner
TenTec 2m to 6m Transverter
TenTec Broadband Pre-amp
Various Multimeter kits (3 or 4 different ones - digital and analog)

OK, the rest is fair game. Heck, I would not mind trying just about anything the group has found interesting. I understand that normal disclaimers apply. Not to worry.

Suggestions anyone?

Thanks in advance!

Best 72/3

Len

KG8SF

len@infinet.com kg8sf@key.com

QRP-L # 841	CQrp # 2	ARCI # 9025	FISTS # 2134
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CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
Web Page: <http://www.infinet.com/~len>

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Paul Stroud <aa4xx@amsat.org>
Subject: [12172] KL Gathering at Charlotte Hamfest
Message-ID: <33072732.212@amsat.org>

KnightLites Storming Big Daddy Charlotte NC Hamfest

Hi Gang,

The KnightLites invite you to join us at the Charlotte, NC Hamfest Saturday, March 8th. The Mecklenburg Amateur Radio Society is advertised as being the largest indoor hamfest in the Southeast. Doors open at 9 AM for general admission. You'll find directions at the end of this posting.

Please bring your for sale and/or show-and-tell goodies to our QRP table, which is Table # J7. There will be someone manning this table throughout the morning, and we will consider it our gathering place. We would like to fill this table with a variety of rigs, accessories, and QRP literature. This would be a great time for us to share some of our past issues if QQ, QRPP, 72, Sprat, etc.

The KnightLites will be meeting for lunch at a nearby Shoney's at 1PM. Since the fest doesn't open until 9AM, this will give us four hours of browsing and visiting time before lunch. Typically we meet a number of new friends through hamfests, and we hope you will consider joining us for the luncheon. The format is unstructured and the group is laid (way) back.

So far, several folks are planning on carpooling; There is still plenty of room left, so let us know if you would like a ride from the Research Triangle Park area. Here are some of the Knights that plan to go:

K4NK	Les	Greenville,	SC
N2PTW	Joyce	Greenville,	SC
AA1BK	Steve	Raleigh,	NC
KF4AR	Rick	Charlotte,	NC
WA4NID	Dave	Durham,	NC
WB4LZQ	Kim	Piedmont,	SC
AE4IC	Bob	Greensboro,	NC
K2ZPF	Steve	Marietta,	GA
KS4VX	Roger and Gwen	Pittsboro,	NC
AE4MX	Henry	Raleigh,	NC
AA4XX	Paul	Raleigh,	NC

DIRECTIONS:

Mecklenburg ARS
March 8, 1997 9AM-5PM

Charlotte Merchandise Mart
Liberty Hall
2500 E. Independence Blvd (US 74)
Charlotte, NC
(Roanoke Division Convention)

Talk-in 144.69 - 145.29 W4BFB Rptr
Parking \$4 per car
Admission \$8

If you are traveling I-85, get off at EXIT 38, and head south on I-77.

If you are traveling in on I-77, get off at EXIT 11, Brookshire
Freeway East.

Once on the Brookshire Freeway, you should see the downtown Charlotte
skyline on your right side. Move into the far left lane.

This will lead you to Independence Boulevard (US 74) at EXIT 2B.

There will be some construction area as you get onto
Independence Blvd. You are now approximately 2 miles from the
Merchandise Mart.

Move into the right lane, and look for the overpass, as it crosses
over the Merchandise Mart. You can access the parking areas from
Briar Creek Road which is just before the Mart, or from TV Lane
which is just after the Mart. Use TV Lane to get to the loading
dock area if you will be unloading.

If you are coming in on US74, look for the first overpass you see,
which is Eastway Drive. Move into the right lane. The next overpass
is Briar Creek, and you will want to turn right onto the access ramp
to the overpass, which will take you over Independence Blvd and place
you at the parking area.

We hope to see you in Charlotte!

72,
Paul, AA4XX Raleigh, NC (919) 779-1637

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [12129] KL7Y on 7.040.6
Message-ID: <199702160427.VAA16034@dancris.com>

KL7Y is on 7.040.6 right now. Some qsb, but reachable.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: jayboy@psnw.com (Jay & Jackie)

Subject: [12183] LDG QRP Tuner problem

Message-ID: <199702161719.JAA26948@sierra.psnw.com>

Just finished tuner mounting and testing....Voltages ok, installed
chip...Alignment went ok except I could only get 2.3 V on forward and
reverse....Applied power, use NW8020 to a dummy load (50 ohm) and pushed the
tune button...relays clicked briefly....No lights came on....am I in big
trouble? Seems like the thing worked, but no lights. Reseated the plug,
same results. Am I not getting enough forward/reverse pickup voltage to
light the lights? I didn't want to do yard work anyway today.

Will I get a bill for this query?

Jay, W6JDB

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: dzn1@juno.com (Howard D Rubin)

Subject: [12145] LICENSE RENEWAL \$?

Message-ID: <19970216.005605.16511.0.DZN1@juno.com>

There has been an offer by at least one license servicing organization to
renew the Amateur Radio license for a fee of \$6. To the best of my
knowledge there is NO FEE for renewal of licenses if the request is made
using the form 610 and sent directly to the FCC.

Has anyone else been offered such a renewal service? Anyone know how the
fees distributed?

Howard Rubin, N3FEL

Managing Editor X-Mitter

Penn Wireless Association

dzn1@juno.com

dzn1@aol.com (files and X-Mitter Articles)

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Stew Whitehouse <STEW_W@compuserve.com>
Subject: [12174] LICENSE RENEWAL \$?
Message-ID: <199702161048_MC2-1156-9515@compuserve.com>

Hi Howard and gang,
I received renewal reminders from the W5YI group and
ARRL. Both arrived in the mail on the same day. W5YI
would submit my renewal electronically for a fee of \$6.00.
The ARRL simply provided a form 610 and an envelope
pre-addressed to the FCC. Being the cheap, retired, old
crab that I am, I filled out the 610 and mailed to the FCC
in the provided envelope. Wham...New license arrived
in about ten days! There are no fees to renew your Amateur
License :-)

72/73 Stew KE4YH
Dunedin, Florida

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: N4JS <n4js@amsat.org>
Subject: [12146] Log/States
Message-ID: <v03020903af2c5bef98d3@[206.106.174.44]>

Just finished installing the registered version of LogEQF, which was highly
recommended. Noticed that my states count since Jan 1 is 22 worked with
QRP. Not too bad. Got WY, and ID, but sure wish I hadn't been working
tonight and had a shot at HI. I guess to get AK and HI I am going to have
to "get sick" at the right times!!

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org JN Grid:FM29LN
<http://www.pobox.com/~n4js>
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328 NE-QRP
#507

G-QRP #9544 Norcal #????

QCWA Life Member

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: QRPDave@aol.com
Subject: [12118] LOW VISION OR HANDICAPPED HAMS
Message-ID: <970215212346_751253059@emout14.mail.aol.com>

I am trying to be a broker between hams who are unable to build kits for one reason or another (i.e. low vision, blindness, some limiting factor in your experience) and the GREAT CADRE of willing hams who want to help these guys (and gals) to get into the wonderful world of QRP.

At this point, my role will be just a provider of addresses and leave the arrangements up to the two hams involved. Of course, I think that a minimum provision should be that the helped ham provide postage and the kits and offer some gratuity to the builder. Of course, I cannot accept responsibility for anything but the introduction (almost like a marriage broker, huh?). I am trusting a group of guys whose integrity I have come to admire and assume that all are honest and forthright.

My e-mail address is QRPDave@aol.com--' Id like to hear from prospective builders OR from you hams who could use their services. Best of 73's to you all, QRPDave@AOL.COM

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: NilsBull@aol.com
Subject: [12165] Mail, AOL, mods, updates, transistors & a "ONER"
Message-ID: <970216082938_983987710@emout11.mail.aol.com>

Finally got on AOL today -- after three days of trying, including programming in daily "flashdance" mail sessions at 1/2 hour frequency -- and snarfed up all the mail. Man, we do talk, don't we?

I haven't seen the list of mods what everyone's been talkin' about, but I figure that there's one in there after another. But I got some ideas on my own after 3 days of not being able to get ideas from others.

I was looking at what was happening with IRF 510s in my particular NC38s (which still works, even after much abuse and losing some metal off the board) and decided that, first chance I get, I needed to turn the DC off to Q2 when not txing. Thus, I looked at the circuit for the "Oner" tx and realized that right there on that little board was everything that I needed. I'll let you know how it turns out when I figure out how it turns out.

And using the VN10KN tx instead of the IRF510 may make it possible to run 1 watt and also get past using the inverters as output devices... which may also make tuning easier. I'll let you know... probably after 3 more days of waiting, which will come after 3 days of blowing stuff up.

Nice receiver, though, ain't it?

73

Nils

WB8IJN +c

.... did you catch how the Chinese news agencies made it look like a bunch of turbaned ruffians were violating the peace of Eastern Turkistan in Gulja? My sources say that the demonstration became violent after the Chinese police/army fired into the crowd. Also learned that the jails are empty... although 300 people have disappeared. And... for those who think that there are no problems in China... three highschool students were taken from their school and shot. And the Chinese made the parents of the children pay for the bullets. Nice people. Definitely need to get favored nation status, ne?

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: SNickrand@aol.com

Subject: [12121] Microphone question

Message-ID: <970215221148_-1475245392@emout08.mail.aol.com>

Got a Shure Desk mike, which has on back of mic cartridge "magnetically coupled inducer". Cartridge has 3 wires from it plus bare wire shield. Any suggestions how to hook it to stereo phone plug for Argosy xcvr? Bill Nickrand

\

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: N4JS <n4js@amsat.org>

Subject: [12161] MRF237??

Message-ID: <v03020905af2c6d80615b@[206.106.174.44]>

I am thinking of replacing the 2N3553 with a MRF237 when I build my Sierra. Only thing is, anybody know a place I can order a MRF237?

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#507

John L. Sielke n4js@amsat.org n4js@pobox.com

n4js@n4js.ampr.org JN Grid:FM29LN

<http://www.pobox.com/~n4js>

NJ-QRP #57 QRP-L #884 QRP-ARCI #9328 NE-QRP

G-QRP #9544 Norcal #????

QCWA Life Member

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: NilsBull@aol.com
Subject: [12209] NC38S: Finis, al fin, finally, sorta
Message-ID: <970216173957_1581326126@emout08.mail.aol.com>

Ok, I'm happy. One hundred milliwatts ain't all that bad for a day's worth of blowing stuff up. The VN10KM will work... you might get about a watt out. That's what I got out of this one until it smoked too. Something about the way this works: when I have TC2 tuned to what sounds like a reasonable signal -- as in: no squirrely sounding sub-tones on the carrier -- Q2 will stay cool for hours. But one tiny squootch off that very narrow place in the tuning of TC2 and it's hot rock city. So hot it melted the plastic on the key jack (back plane of box also heat sink and connector... so you can imagine how hot that got... even with lots of heat sink goo and a chunk of fairly thick aluminum back plane/back panel).

Running it stock now. No fancy stuff. Just .100 watts and rather nicely. I was tempted to make a couple calls but figured that I'd be better off just sitting down to some food and a beer. Which I'm gonna do soon as Cindy gets back and we go to the store. Well, after that then. Whatever.

Nice little radio. Definite learning experience. Always wondered why I never got hooked on digital stuff. Now I think I know.

Next?

73
Nils
WB8IJJ +c

... been working on a beginner's web page. Got some neat stuff off other sites. Only have to find that picture of the oldest boy to use as a link button to his page. It's the picture of him at about age 5 standing buck-nekkid in the bathroom with a paper bag mask over his head. Here's my kid. Click here to embarrass him at his own home page. Like the weasel kid in the "Simpsons" says: "hah hah."

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [12187] New 38S Filter
Message-ID: <1.5.4.16.19970216180408.22e74402@mail49.mci2000.com>

Well Glen, I did it. The 38S now has a 500 Hz, two crystal

bandpass filter in it and it seems to work quite well. It does single signal if the signal isn't too strong. If I can hear it on the other side of the passband, the r.f. gain is up too high! :-)

I'll try to describe what I have installed:

I used a transformer to get from 750 ohm push-pull output of U1 (pins 4 and 5) down to 50 ohms to drive the filter. The primary is 19 turns, wound as close together as you can get them using #26 wire, and the secondary is 5 turns, wound in the gap left by the primary. I've got a 100pF cap across the primary to tune it to 10MHz. The secondary drives a 270pF cap in series with the first 12MHz xtal, then another 270pF to ground, the second 12MHz xtal in series with the first, and a 220pF cap to ground on the output of the second xtal. So, a conventional ladder setup with crystals and caps, except for the final cap which is a parallel element instead of being in series. This is needed to match the 1500 ohm load at pin 1 of U3.

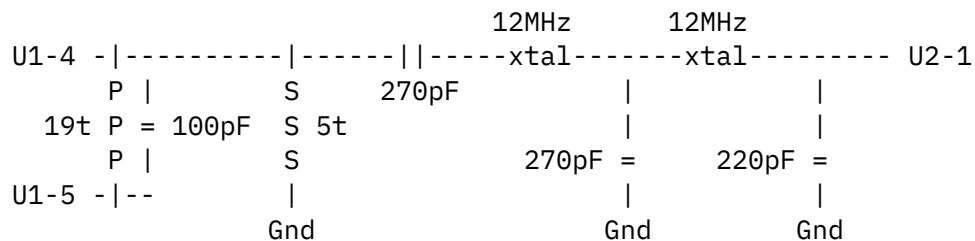
Other changes: Remove C9
Remove original X2
Remove R6
Replace C10 with the 220pF output cap
Replace C17 with a jumper
Change C21 to 33pF to retune the Lo to the proper place

Traces to cut: Make a cut on the trace that connects between U1 pin 4 and X2 at the indicated trace cut area. This isolates the primary of the new transformer so that it is connected to U1 pin 5, only.
Make a cut somewhere in the middle of the trace going between T401 secondary and the xtal X401 bottom pin. This is where the first 270pF will get soldered.
The second 270pF gets soldered from the X401 upper pin location to the ground area to the left of that pin.
Make a cut in the middle of the trace going from xtal X2 bottom pin and U2 pin 1. Connect a jumper from U1 pin 1 to X2 upper pin.

The transformer goes in with the primary leads in the holes that Ori provided. They are the two holes, vertically oriented to the left of center of the T401 outline, when looking down at the component side of the PC board. The secondary uses the two lower holes Ori provided, within the outline, to the right of center. This will ground one lead, and attach the other to the 270pF capacitor on the input of the filter.

The crystals that I used are from Mouser, part number 520-HCA1200-S,

and is a 12 MHz series unit made by ECS. I also bought 4 crystals made by Fox, but they don't seem to be as high Q as the ECS units.



Optional 38S 500 Hz filter

So that's my \$02 for this weekend. BTW, I put the modifications in for the 1000 Hz frequency response as you had done it. About the same results as I had before, but using your method will make my 38S like others who did your version.

72 and enjoy what is left of Sunday.....Jim

```

Jim Kortge, K8IQY (ex NU8N) | BMHA, NorCal, QRP-L
jokortge@tir.com           | __o Cascade 17/40 SSB
Fenton, MI                 | _'\< Mizuho 17/40 SSB
... .. (*)/(*) . . . . .
  
```

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
 From: jdenison@aisp.net (JOEL DENISON)
 Subject: [12189] New QRP Companion
 Message-ID: <19970216182038079.AAA145@slip16.ts-f-merrill.caps.maine.edu>

Has anyone used the new ant tuner/ noise bridge/ gel cell battery/ charger from Index labs?

Is it a good-un I am thinking of getting one.
 Did our ant tuner expert test out ;this one?
 Any info would be nice... :-) joel

God Bless
 Joel

WA5CVM

Joel Denison

81 High street

Farmington, Maine 04938

jdenison@aisp.net

Gentle Lady (049 - high start)

40 mtr dipole up 40ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: KG0ZT <pugrad@mill2.MillComm.COM>

Subject: [12188] NON-Iambic paddles... comments / opinions

Message-ID: <Pine.3.89.9702161241.D25605-01000000@mill2.MillComm.COM>

I have decided that I prefer NON-iambic keyer paddles, and as such, I am in the market for a set. The problem is that I have virtually no market knowledge on the subject. I've had the opportunity to use an old non-iambic Vibroplex "clone" and liked its feel... but that is the extent of my experience.

Thus, I ask for your comments and opinions on what's out there. I'm interested in two operating environments... home operations from the shack, and portable operations. This may require that I investigate and purchase a different set of non-iambic paddles for each operating environment... that is acceptable.

72 / 73 KG0ZT Dave Cary - Rochester, MN (ARRL VE) QRP-L # 979

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: "John Shuster" <jshuster@ix.netcom.com>

Subject: [12196] OHR Group Buy round-up

Message-ID: <199702161928.NAA05701@dfw-ix12.ix.netcom.com>

To All:

Our group purchase is coming to a close tomorrow. Next group buy in a few months. Dick stays home with his knitting and puts together new kits for us to build.

Final opportunity to get great kits at a discount and fund OHR's R&D efforts for our future building projects.

If anyone missed the original post or is reconsidering, here it is again:

+++++

To All:

Due to an overwhelming response way beyond the 10 kit minimum, the OHR group buy is on!

Dick wasn't interested in negotiating prices. He just quoted me low prices for all his kits. For example, the OHR 100, usually \$159.95 is only \$120 !! That's 25% off. Great price for a full-featured 5 watt rig.

Here are the prices; You'll find the standard pricing and product info on OHR's web page at: <http://www.ohr.com>

Prices for this group buy are good from today until next Monday, Feb 17th:

OHR 400 - \$272.00
CL2040 - \$187.00
OHR 100 - \$120.00
WM-2 - \$81.00
DD-1 - \$68.00
SCAF - \$60.00
KEYKIT - \$34.00

Regular shipping prices apply.

If you have already emailed me, please send another official order with your final decision and choice of kit(s).

Here's the easy 2 step process:

1. Email your order with your CALLSIGN to me at: jshuster@ix.netcom.com

I will confirm your order back to you and forward the info to OHR.

2. Contact OHR to arrange for payment and shipping address

OHR will ship your kits immediately.

OHR contact info:

OAK HILLS RESEARCH
20879 Madison Ave.
Big Rapids, MI 49307
616/796-0920 voice
616/796-6633 fax
email: qrp@ohr.com
web page: <http://www.ohr.com>

Best to you and your families,

John

```
+++++
John Shuster      QRP Solder Head      jshuster@ix.netcom.com
At the foot of the Olympics in little Port Orchard, WA
K7MP      ARCI 8951   QRP-L 554   ARS 36   NW QRP 346   WWDXC   ARRL
+++++
```

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: n4so@juno.com
Subject: [12191] PJ9C
Message-ID: <19970216.141708.5223.5.N4S0@juno.com>

PJ9C 14.054 1925z Curacao Island worked with 5 watts.
20 db over into Alabama.

Ken Brown , N4S0
QTH: Nr Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [12134] QRP DX
Message-ID: <19970216.044824.5223.1.k5zty@juno.com>

Hello to the group;

Ain't this ARRL DX party wonderful. It's always amazing to me how much better those guys over the pond can hear during a contest. I worked HV4NAC on 40 last nite with my OHR400 at 5w. on the Butternut verticle. That is one of only 4 hams in Vatican City. Nice guy. We even exchanged pleasantries for a minute. Now I gotta figure out how to get the card. 72 es gud dx (big time DXer talk)
Bill, K5ZTY

WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [12140] QRP DX
Message-ID: <19970216.052852.5223.2.k5zty@juno.com>

HEY GANG,

HV4NAC in Vatican City is holding forth on 7.0054mhz right now. 05:30z 16 Feb
Loud and clear, and he can hear qrp.

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Mike Rioux" <mrioux@usa1.com>
Subject: [12166] QRP DX
Message-ID: <19970216104439226.AAA180@seabat>

Hello gang,
I'll be in 8P9 land starting tomorrow until the 24th of Feb. If anyone needs
Barbados QRP let me know before tomorrow and we can arrange a sked
for the coming week. No callsign yet, as they only assign them once you
get there.
Mike
73 de W1USN

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
Subject: [12205] QRP DX
Message-ID: <1.5.4.16.19970216024631.1f3fd9a0@cadvision.com>

Hi gang!

At 18:25 UTC I heard OH8LQ (Finland) on 20m, got him on third try with my
Argonaut 509, power was 2W to a Vertical on roof. He was 1kW and had the
typical, hollow soundin polar flutter signal, not to strong as he did not
move my S-meter. Some of those testers have really good ears.
Is QRP great or what!!

72 de Niels
VE6NJK/TF3NJ

: Argonaut 509, Epiphite, HW-7, 49-er on steroids, 38S on the way.
: And a distinctive swing.

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [12180] qrp dx qth?
Message-ID: <1.5.4.32.19970216164521.0066fb6c@mail.teleport.com>

Well I worked VS97BG (yep, sending 97 not 9Z) at 16:13 z at 7002 this morning - so where is it? Don't have it on any list. 73

(oh, btw - 5 watts es dipole)

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [12181] qrp Macao es W. Malaysia spot
Message-ID: <1.5.4.32.19970216170247.0066fc68@mail.teleport.com>

Now on 40m at 17:00z Sunday am: XX9TR Macao (7.012 ?) and 9M20M (7.017) both snagged with 5w and dipole. Fun ain't the word. 73, gl

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [12212] QRP Tuner Works!
Message-ID: <199702162329.PAA17558@sierra.psnw.com>

Just returned from W6GR's QTH. He has an 80m dipole so we plugged the LDG QRP unit into it with my NW8020 on 30 meters.....WOW, 1 to 2 sec later the buzzing stopped and the green light came on. Bob didn't believe it actually did anything other than make a noise and turn on a green light, so he pulled out his Autek Antenna Analyzer and checked the results...1.1 to 1. Can't beat those numbers

Now to get started installing the TiCK in the NW8020....More fun.

73 Jay, W6JDB

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [12120] QRP Tuner..Need help
Message-ID: <199702160246.SAA28267@sierra.psnw.com>

I'm sorry, but I'm mounting my tuner in the cabinet and can't figure out where to run the wire from the coax socket to the circuit board (transmitter side). I see the antenna side ok. Do I put it to J1, or through the center of T1?....Should I use RG174 (I have some) or just a piece of wire? Thanks in advance.

Jay, W6JDB

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: pchow@cisco.com
Subject: [12138] QRPP arrived!
Message-ID: <199702160519.VAA13599@swing.cisco.com>

QTH here is San Jose, CA. Just got my Dec issue of QRPP on Friday.

Kind of late, but better than nothing.

72,
AC6ZD

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Monte Stark <ku7y@sage.dri.edu>

Subject: [12157] QSLing

Message-ID: <Pine.SUN.3.90.970215234046.22803L-1000000@vortex.sage.dri.edu>

On Sat, 15 Feb 1997, Chuck Adams wrote:

> Make sure you fill out the entire card. Put date and time in UTC.
> This is a given and shouldn't have to be mentioned on this group. :-)

One point of confusion to avoid.....

The US and the rest of the world do dates differently.

12/5/97 can be the 12th of May or the 5th of Dec. If you really want to get your card back without delay, DO NOT use just numbers. Use letters for the month.

All the arguments about who is right/wrong doesn't mean anything!

Some of these contest stations are going to be getting hundreds of QSL cards just from this contest. And for the year the number will be in the thousands! The easier you make it for them, the better chance you have of getting a card promptly!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: k4wz@juno.com (RON L TODD)

Subject: [12206] RTTY

Message-ID: <19970216.215043.14767.11.k4wz@juno.com>

N7MFB BILL I HEARD YOU WITH MY CODE DECODER S-7 IN ATLANTA TO DAY
ON 20M
WISH IS WAS SET UP FOR RTTYMABY LATER
73 RON

RON TODD K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Arjen Raateland, SYKE/YV, puh. 09 4030 0457" <Arjen.Raateland@vyh.fi>
Subject: [12162] Sierra PA driver transformer phasing
Message-ID: <01IFHFGB9M308Y6DSL@vyh21.vyh.fi>

Gang,

Amidst all the excitement about the NC38s I would like to bring up a question about the Sierra multiband CW rig.

My question concerns wide-band transformer T2, which couples the TX driver stage to the PA input. In my Wilderness Sierra the winding and installation instructions for T2 result in driving the PA transistor base in phase with the collector voltage of the driver.

In part IV of the chapter QRP Rigs - Circuit Analysis from Paul Harden's Data Book for Homebrewers and QRPers Paul argues that for best results the phasing between a class AB driver and the following stage should be reversed (fig. 4-7).

So I rewound the toroid transformer by winding the secondary the other way around. Now the driving signal to the base of the PA should be mirror image of the collector voltage. Unfortunately I have no instruments at hand to see if it makes any difference in TX output wave purity.

I would like to know about experiences others may have on this particular point. Did anybody else rewind T2 in a Sierra for the reason given in Paul's book?

73, Arjen, OH2ZAZ

Arjen Raateland
---... ..-... ..-... ..-... ..-... ..-... ..-... ..-...
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
..-.. -.-

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: ed.welch@cheaha.com (ED WELCH)

Subject: [12137] Slow getting started on the NC38S
Message-ID: <8D2151A.0004000B78.uuout@cheaha.com>

-> ob QRP -- I haven't started on my NC 38S yet because I keep
-> responding to the list!

Well, Dan. I resemble that remark! I've *finally* gotten the resistors
in, the disc caps in, and the IC's in. The list is killing me!....
....but I'm scared to not read it because I might miss a NC38S
revelation, or a good report on a badger massacre, or one of Nils
conservative, quiet posts.<g> Gotta go....more mail to peruse. :)

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: William Hansgen <102762.1311@compuserve.com>
Subject: [12114] Success with my attic loop(long)
Message-ID: <970216011226_102762.1311_GHU52-1@CompuServe.COM>

Jack Bryant, W5FTB wrote:

>Item: worked AA8EB on 20-30-40; he was using 3W to an attic loop
>antenna. I think Mike would do us all a service by telling how he did
>it. He was crummy on 20, but on 30 a solid 589, and on 40 a 579.

Well Jack, since you are interested and so may others be, here's what one can
do. The credit goes to Walter Thomas, WA4KAC, for his informative paper
prepared for the FDIM QRP symposium last year in Dayton.

Put as much wire in your attic as you can run in the shape of a loop. Establish
the feedpoint as high as possible. Use heavy gauge wire to minimize losses. I am
soon to replace my smaller gauge wire with #8 speaker wire. Try to stand the
antenna wire off from the rafters at least by a few inches. I used the longer of
the two stand-offs that RS sells. I have been feeding with twinlead but will
soon replace that with window line. Use an efficient tuner.

There! Nothing unusual or tricky about it. Just the elementary stuff. I have about 95' of wire in the loop. It tunes easily on all frequencies above 7mHz. I have been able to work into Central Europe and Africa on 40 meters with 3 watts. Of course, that only happens when propagation is kinder than it has been to us lately. The loop will never perform nearly as well as an outdoor antenna, high and clear of surrounding objects. It does allow me to get on the air from a location where outdoor antennas are impractical. I make some nice contacts. I have a lot of fun.

As is typical of loops, there are some deep nulls. To add some variety and improve coverage in general with the loop, my next step will be to insert a lamp switch at the point opposite the feedpoint. A long run of lamp cord coming through the same hole in the ceiling as the feedline and running down to the operating position will allow me to switch from an open to a closed loop with a gentle tug. The open loop might not be as efficient but will have a different pattern of radiation which might allow me to more effectively communicate with some areas that are in the nulls of the closed loop. If you can get a bit more wire up in your attic than I am able to hang, the open loop might perform as a folded dipole on 80 meters.

Don't be discouraged if you are unable to put up a good outdoor antenna where you operate. I have always wondered what attics were good for. Now I know.

One word of caution. Spouses, it appears, do not take kindly to having large holes put into the ceilings of their homes with keyhole saws. Be sure you were very good to your lovey on Valentines Day before proceeding to do that. Maybe you can get around it by running out the window and back under the eaves.

72

Mike

W. Mike Hansgen AA8EB
Glouster, OH 39.498N 82.088W
102762.1311@compuserve.com
Cqrp #4 ARCI #9156 QRP-L #563

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: dolledb@cet.com
Subject: [12126] TICK Keyer Mod
Message-ID: <199702160358.TAA21295@cet.cet.com>

Fellow QRPers,

I'm putting the finishing touches on my NC38S (#47). Finally found all the

parts for the mods and am incorporating most of the fixes found on the NorCal home page. I am somewhat confused by the "Mandatory Fix Revisited" and "Correction" articles concerning the TICK telemetry audio fix.

Brad, WB8YGG, suggests cutting the trace between R19 from C32 and adding a new 4.7K resistor between C32 and the junction of R19-C34. This effectively brings point "A" on the schematic to the junction of R19-C34. In his "Correction" article, Bob, AB7ST, believes that Brad's instructions should read "Cut the trace between C32 and R17, connect the NEW resistor between the side of C32 you just cut, and the C34 side of R19.... " This potentially removes C33 and R18 from the circuit depending on where the trace is cut. I believe that "R17" in Bob's "Correction" is a typo and should read "R19."

Which version is correct? I would hate to cut the wrong trace. Any help you experienced NC38S fanatics might have to offer would be much appreciated. Thanks.

Dennis, NX5W

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [12156] Transistor help?
Message-ID: <Pine.OSF.3.94.970216013451.1275A-100000@fly.HiWAAY.net>

Hello Gang,

I have a few transistors here that I was wondering if someone could help me identify. I thought about seeing if they were output or RF transistors and see if I could put them in a QRP circuit. Also, does anyone no where and how much an NTE cross reference manual is. The transistors are the C122F1 also says M8127, the GEC122F1, the 8139M also labeled SJE418, the C2688, has a 2 in parentheses like (2) also NEC is wrote on it, and the 67772 with RCA on it and at the bottom it says H A8138. Thanks a lot in advance. Best 72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [12211] Tuner Problem Solved!
Message-ID: <199702162322.PAA17210@sierra.psnw.com>

Thanks again group.....Had 3 of the LED's in backwards...Bingo, now I'm in the front row....Works great into the dummy load, now on my way over to a friend who has a hard to tune antenna and will give it the acid test. Sure is a cute little thing.

Looking like I will be able to unpack the Sierra tonight....KC-2 is all done....Wonder if the XYL knows why I never come out of this room.

73, Jay W6JDB

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [12117] UTC Speak QED
Message-ID: <3.0.16.19970215113625.2317191c@mail.lightside.com>

UTC/GMT is Universal Coordinated Time. Now measured by an atomic clock. Us moderns don't use the Sun. Time and Longitude are related, 15 Degrees of longitude equal 1 hour. The 0 Degree point is the meridians of Greenwich, England. The Time Zones being labeled plus (+) when West of Greenwich and minus (-) when east of Greenwich. They are divided into 15 Degree going East and West from Greenwich to 180 Degrees, the International Date Line. Each zone extends 7.5 degrees each side of its central (15 Degree) meridian. Not counting political shenanigans.

If you know your longitude, dividing by 15 will give the zone. You should know which direction you are from Greenwich (think of London). The zones in the US are: EST = -5, CST = -6, MST = -7, PST = -8. To find the UCT from your time zone algebraical apply your zone description to your local time. Using the 24 hour military system makes it a LOT easier. Daylight Saving Time reduces the zone by 1 hour.

In either case, for example, if you are on the West Coast the Zone Description is -8 and it is now 1700 (5:00PM). $17:00 - 8 = 0900$ (9:00AM). In other words for a minus(-) zone back up that many hours, for a plus(+) zone add that many hours from your time zone.

Dan Hogan
West Covina, CA
dhhogan@lightside.com

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [12159] V51Z
Message-ID: <199702160746.CAA28347@smtp1.erols.com>

Anyone get V51Z ???

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.
38 special at 300mw

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: KR4GL@aol.com
Subject: [12207] Vanity Call Sign Question
Message-ID: <970216165907_-1374640838@emout11.mail.aol.com>

Could someone who's done this answer a couple of dumb questions I have not been able to figure out myself?

If you apply for a vanity call sign using the FCC's electronically filed form, how do you send the \$30.00 to the Pittsburgh address that collects the money? I see no mention of the way to pay on the electronic form.

Also, how do you find out if a desired 1X3 call is unused? The QRZ web page list only lists unused 1X2 and 2X1 calls. Or do I just guess and hope that within 25 choices one of my guesses is real?

72 de KR4GL
John Foote

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Bill Todd <bill@techline.com>
Subject: [12204] WA FSFD RTTY QSY to 14089
Message-ID: <1.5.4.32.19970216210713.0067cf58@mail.techline.com>

Well gang I got run off of 14086 by a DX station who just happened to park there, setting off a mini-pileup.

I'm now up freq at 14089 running RTTY where I'll stay for the rest of the day.

CUL, Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [12144] Re: AT-11-extra cap?
Message-ID: <199702160548.XAA03764@dfw-ix9.ix.netcom.com>

I finished my AT-11 today. I have an extra cap too, but not an extra capped tooth.

Had the small hole syndrome as well. I soldered in a number of spare resistor leads, trimmed them, put on shrink tubing, then tacked the jumper up about a half inch off the board. If I didn't like solving soldering problems like this one, I would have been perturbed with LDG for not including an addendum with some suggestions for an easy fix.

All the smoke stayed inside the components and it aligned according to the book.

Nice auto QRO tuner for my TS-140S.

THANKS for all your work, Scott!

John

++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
K7MP ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++

> From: Jeff M. Gold <JMG@tntech.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: AT-11-extra cap?
> Date: Saturday, February 15, 1997 12:47 PM
>
> Well,
>
> got lost in the cave this morning.. still haven't caught up.
> .suppose to be at work about 3 hours ago.. had to stop by first
> job and check on a computer.
>
> well while attempting to put in a couple of parts and play with

> the NW8020 during the contest (got about each DX.. one to two
> calls.. love that little rig), I found the next thing I knew.. all
> the parts were on the board.. still not sure how that happened.
>
> Problem is that the parts list says 56 .01 blue caps. I received
> 56 of them. I ended up with one left after the mod (uses 2). I
> check each hole on the board.. no extra holes.. checked the parts
> layout and it has 53 parts that I counted, same as I placed.
> HELP.. anyone got an idea?
>
> Next thing, wasn't going to power it on.. did want to make it to
> work.. but I have absolutely no willpower sometimes, and this am
> was obviously one of those times. I powerd it up.. no smoke, no
> amperage reading on the supply. checked the 5 volt regulator.. no
> power. well traced the power path.. low and behold.. there is a
> break in the path where you wire in the on off switch.. if it
> ain't jumpered, no power. Jumpered it.. got 5 volts. I tried my
> mutlitmeter.. and couldn't get an amperage measurement.. but not
> sure mine goes anywhere close to the range it was suppose to be at
> (?5-25ma something like that). got most of the parts on the
> case.. just have to install the two S0239s and wire it up...
>
> Sure hope it works :-)
>
> I think if it works.. it will work for ever. I checked each solder
> joint as I made it with a high powered magnifying glass, then
> again after each seaction, then again when I was done. Also
> checked parts placements a number of times.. this doesn't
> guarantee anything.. it is still real possible I messed up.
>
> I really enjoyed building it.. thinking if I can sell something
> else, may get the QRP version.
>
> thanks again LDG and Scott.
>
> I may have some time to play.
>
> How many people who where in on the group buy got the AT-11 going?
>
> 73
> Jeff
>

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: JCoote@aol.com
Subject: [12169] Re: Can you hear me? (Part II)

Message-ID: <970216090600_1895808176@emout05.mail.aol.com>

In a message dated 97-02-14 12:36:25 EST, alexenko@prairie.nodak.edu (Brent Alexenko) writes:

>
>The biggest problem is the apartment itself and it's physical properties.
>I live in a: One bedroom (pseduo-effiency apartment)
> With: No balcony
> No attic
> No rain-gutter (heard of tuning them up!)
> No trees nearby
> No roof access (but am on third floor)
>
>Hmm...it's frustrating, but I'm determined to get this working. I can
>toss a wire out the window, but I'm not sure what the people below me
>will make of a wire across their window (hey, let's pull on this!).
>Besides, it's 25 degrees today, and that's the warmest it's been in quite
>a while. I REALLY don't want to operate with an open window. :)

Can you use some type of mast or stick to get the wire out and away from the window?

I've done HF operations out of high-rise and other buildings (some with balconies) where the only way out was down. In most cases, I used an auto-or manual tuner right at the base of the antenna mast, with a counterpoise radial. A small weight pulled the wire straight down (windy up there!) and away from the dufus family below. Always tried to use 1/4 to 1/2 wavelength at the lowest band used, the tuners always gave a match.

Can you drop a very long, thin wire (use stranded, appropriate color plastic) out the window down to the ground and then (from the ground) throw it up over the rooftop? Put a weight on the end to get it to pull taut over the rooftop.

>I've considered Isotrons, but heard that they work marginally with QRP,
>and I want to be able to work more than one band. If I can get 40 and
>higher, I'll be a happy camper. The building is in a open space, with
>nothing very close by.

What about those MFJ loops? Those cover 10-30 Mhz (continuous!) and I think someone MFJ or AEA was coming out with a 7 Mhz and up loop? Has to be more efficient than helicals and other short whips with L/C tuning/loading.

>In the meantime, I've been playing with my Hamsticks. It's rather funny
>looking because I've got them balanced on an old bar stool in the middle
>of the living room/kitchen. I can hear you all out there, but so far
>nothing I send out has been responded to.

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: tahrens1@juno.com
Subject: [12132] Re: Debug Test T0 #1
Message-ID: <19970215.223016.4895.0.tahrens1@juno.com>

GO LARRY GO!

Tim W5FN

On Sat, 15 Feb 97 21:47:37 "KA5T Larry Wise" <lewise@inetport.com>
writes:
>Gang:
>
>The mailman brought the package today...
>
>Let the Games begin....
>
>Reports to follow...
>
>Larry
>KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
>ex: KN8OSG K8OSG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978
>Fl)
>
>
>

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [12201] Re: Doug, KI6DS's email address?
Message-ID: <Pine.LNX.3.91.970216122504.13067D-100000@dt1.datatamers.com>

Arjen,
Doug's address is: ki6ds@mail.telis.org
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [12164] Re: fix 40 M band plan now!
Message-ID: <970216121018Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB@MHS>

Regarding the 40M bandplan suggested by several contributors. Not being an SSB enthusiast, I can still see that they should have some part of the band to use. Over here we can only use 7.000 to 7.100 MHz so some of the suggestions would either mean split frequency working with some of your lot having to try to listen to stations over here through the other modes.

The other "problem" is that bandplans are not compulsory over here, so you wouldn't be able to 'enforce' the changes.

Please remember that other areas of the world may not have the same allocations as in the USA. This is what makes the IARU job so difficult to do!

Regards - Dave (G0DJA)

How far that little candle throws its beams!
- Merchant of Venice Act 5

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [12167] Re: Help..Tnx all
Message-ID: <199702161353.FAA19253@sierra.psnw.com>

Thanks all for the help and suggestions...The LDG tuner is almost finished being mounted in that neat lil cabinet...Can't wait to try it today. As always, this group is an irreplaceable resource.

73, Jay, W6JDB Madera, CA

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Chris Cartwright <ccart@vidtel.com>
Subject: [12155] Re: Island Keyer - HELP!
Message-ID: <Pine.LNX.3.93.970216023201.124A-100000@dns.vidtel.com>

On Sat, 15 Feb 1997, Chris Cartwright wrote:

> I'm wondering if I should troubleshoot this with parts from the other kit
> or just put the other one together and not risk toasting anymore parts?

Well, too late, it's all fixed:) I just couldn't help it, put the EEPROM in it ouf the other kit and it all better now. Mounted in the box and all programmed for FYB0, and if the temp is 33F I don't gotta change nothin'.

IMPORTANT LESSON: CMOS stuff runs on very very very little smoke, it can escape without notice! In 20 years of playing with this stuff this is only the second CMOS part I know I killed by being clumsy... So gang, be careful out there :)

-- Christopher Cartwright, Tech. Engineer		ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655		ccart@erols.com
--		http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [12116] Re: KH6 40M
Message-ID: <199702160139.SAA10772@dancris.com>

At 10:51 PM 2/15/97 GMT, you wrote:

>
>

Didn't get the KH6, but got JA9XBW at 1550Z with 5 watts and the Argo II.
Great stuff, this qrp!

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [12151] Re: Killer Candles (not qrp)
Message-ID: <Pine.OSF.3.95.970216004638.23470A-100000@duke.usask.ca>

I believe I may have started this thread inadvertently so I hope you won't

mind me saying a few more words. It has nothing to do with QRP but it does concern survival and there are some good lessons to be learned.

I read a thread about winter survival and offered advice about carrying a candle along in the car. Note: I am no expert in winter survival, except that I do live in Saskatchewan and have some experience ;-). What I suggested seemed to be on the level of common knowledge. I have heard radio stations recommend candles. Canadian Tire even sells survival candles.

My suggestion was quickly corrected by someone with a medical background. Although I felt embarrassed I was glad to have the information because it could save lives (maybe even mine) and for that payoff I don't mind looking like a fool ;-).

This leaves me with both a lesson and a frustration:

Lesson: Just because a product (survival candles) is available and it has been recommended in the media (and not just advertisements but normally reputable programs providing information) does not mean that the product is either a good idea or even safe.

Frustration: How did these things get on the market anyway, and why are so-called experts promoting them?

Personally, I have never used survival candles. I have often thought about buying them when I go to Canadian Tire but have always talked myself out of it by reasoning that I stick to well traveled roads, I have an HT and I ALWAYS carry tools, blankets and old parkas. I always worried that I was not doing enough to protect myself. I guess I was on the right track all along :-).

On Fri, 14 Feb 1997, Daniel C Winkler wrote:

>
> On Mon, 10 Feb 1997 10:36:54 -0500 (EST) "James C. Owen, III"
> > Several of the TV stations here in the Washington DC area
> > are telling us to carry candles and a 5 lb coffee can.
> > Then if stranded we can keep from freezing by burning the candle in
> > the coffee can.
>
> Hi again.
>
> Here's the short form.
>
>
> A candle can produce 5 liters of carbon monoxide, raising the level in a
> car to roughly 0.1%. That is 30 times the maximum allowed by NIOSH.

> One candle probably won't kill you, just make you sick (nausea,
> headache, dizziness). Two candles...

>
>

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| Keep Cool, but Don't Freeze                                     |
|           - Hellman's Mayonnaise                               |
+-----+
```

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [12194] Re: KITBUILDING: I need a new kit! Suggestions
Message-ID: <Pine.OSF.3.94.970216123854.22693A-1000000@fly.HiWAAY.net>

Hey Len,

Well I really enjoyed the NorCal 40A and the KC1 from Wilderness Radio. Also, I have the SWL SW30-30 from Small Wonders Labs, Dave Benson, NN1G. Here is the info to get the kits. the NorCal 40A sells for \$129, and the KC1 for \$44.50. The compatible front panel for the KC1 to go to the NorCal 40A is either \$5 or \$6. Then you have the shipping. The number is (415)494-3806, Wilderness Radio, P.O. Box 734, Los Altos, CA 94023-0734.

Also another rig is the SW30-30 from Dave Benson, NN1G. The kit sells for \$55 postpaid, or you can get the case also for \$35 postpaid. I paid \$95 for the SW30-30 or SW30-40 30 mtr QRP xcvr and the case and for the COD. So I have a very nice rig for \$95. Small Wonders Labs, Dave Benson, NN1G, 80 East Robbins Ave., Newington, CT 06111. If you need any more info let me know.
Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Harvey D. D. Hetland" <n6mm@idt.net>
Subject: [12153] Re: LICENSE RENEWAL \$?
Message-ID: <3307208A.5744@mail.idt.net>

Yes, you can renew for no charge (except postage) by sending the renewal form to the FCC directly. The FCC forms 610, 610-A, 610-B and 610-V (as well as others) can be obtained at the following Web address:

<http://www.fcc.gov/formpage.html>

I renewed my license and that of the club station for which I am the trustee during December, 1996. The 610 and 610-B forms I downloaded where PCX files. A fee of \$6.00 impresses me as being over priced. Full instructions are provided with the forms.

73, Harvey, N6MM QRP-ARCI 51, QRP-L 318

> There has been an offer by at least one license servicing organization to
> renew the Amateur Radio license for a fee of \$6. To the best of my
> knowledge there is NO FEE for renewal of licenses if the request is made
> using the form 610 and sent directly to the FCC.

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Chris Cartwright <ccart@vidtel.com>
Subject: [12158] Re: NF3I QRP HF mobile operations!
Message-ID: <Pine.LNX.3.93.970216024515.124C-100000@dns.vidtel.com>

On Sat, 15 Feb 1997, Scott Rosenfeld NF3I wrote:

> A dictation-mini cassette makes a dandy logging system.

This might seem obvious, but can you explain a little more? I got one of these and will take it to FYBO if it will help.

> An Outbacker is a decent antenna for mobile ops (Perth Plus). You get a
> LOT of weird and interesting looks.

Put five of any kind on your car and I'm sure the looks are similar :)

> Five watts is NOT a lot of power when mobile, but it's better than zero.

So is 1 watt! I got another one on the way back from PA tonight, an N1 VT, the log grows and grows...

-- Christopher Cartwright, Tech. Engineer		ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655		ccart@erols.com
--		http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: gsurrency@juno.com (Gary L Surrency)
Subject: [12112] Re: Ni-cads and all
Message-ID: <19970215.171649.12086.0.gsurrency@juno.com>

Floyd, Rod, and others that expressed interest:

I'm not familiar with the A&A charger, unless it is like the one in the 1995 Handbook.

The Summit Products unit is available in several kit forms:

1. \$29.95 with instructions, PCB, controller chip, panel label / template.
2. \$49.95 complete kit with all components except those required for custom configuration.
3. \$69.95 wired / tested ready for custom configuration to your battery type.

\$7.50 for shipping/handling for each kit.

It uses a ICS1702N chip for the controller. Nice circuit. I put mine in one of

R/S utility cabinets, the 270-253. I built my own transformer / rectifier circuit using an HP ink jet printer wall transformer.

The only drawback is, it is primarily for one battery voltage since it is custom configured to charge/discharge precisely for that mA capacity and voltage, but there are instructions to add a switch for multiple battery voltages.

I use it to charge the expensive HT batteries for my Yaesu FT-51 HT. The Summit Products units have no provisions for custom battery cases, so you must use an existing charger cup, or fabricate your own to match your particular battery style. I use the cups from Battery Tech with my Summitt charger, too! :-)

The ones from Battery Tech are very nice too, and will automatically adjust to almost any cell voltage from 4.8v to 13.2v. I have the MasterCharger I+I, with battery cups for my Yaesu and the XYL's KenWood HT. I also use it to charge a myriad of other Nicads I have around the house, from the cordless vacuum to the cam corder batteries. It is quick, and uses a Phillips micro-

controller to monitor the delta-v drop when the battery reaches full charge.

It is actually made by W&W Associates, and is a very nice unit. The dual cup

MasterCharger I+I unit I have is \$109.00, the MasterCharger I is \$85.00, and the smaller MasterCharger IIa is \$39.00 for one battery cup, \$69.00 for the dual cup unit. It charges in 8 to 14 hours, where the MasterCharger

I takes 1/2 to 2 3/4 hours. The bigger unit will charge up to 1.5 amps. The

battery cups are custom built to your HT battery application, and additional

ones may be ordered for other battery brands / types.

They all come with the appropriate wall-wart, or can be used with 12v as from

your station power supply or auto.

Give Battery-Tech a call for a catalog at 1 800 442-4275. They also carry lots

of replacement batteries for other stuff like cell phones and cam corders. All their

stuff is American made and good quality. I have HT batteries from them for my

Yaesu and the wife's KenWood HT, and they have lasted well and were less costly than the factory batteries.

If you want to build your own charger for a specific battery application, I would

recommend the Summit Products unit. It is a really nice design that should

maximize your batteries' life and capacity. Everything you need to complete its

construction (except the PCB and chip) is available at R/S. Read the article

about it in World Radio March 1996 or call them at 702 782-7622.

I think both are really nice chargers, but the Summit Products unit will probably extend the life of your Nicads more, and is based on the latest technology in charging Nicad / NiMH batteries. The Battery Tech / WW Associates design is more universal because of its charging design, and works very well too.

You will have to supply the transformer / rectifier for the Summit Products unit, or

use a DC supply you may already have.

I always see Battery Tech people at the Ft. Tuthill hamfest, and have bought batteries from them at their table. I don't know if either of these companies are on the Web, but you could look for them with your favorite search engine.

Hope this is what you wanted to know. Standard Disclaimers apply.

73,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [12192] Re: NON-Iambic paddles... comments / opinions
Message-ID: <1.5.4.32.19970216184027.00699dd8@204.127.3.1>

At 06:18 PM 2/16/97 +0000, you wrote:

>I have decided that I prefer NON-iambic keyer paddles, and as such, I am
>in the market for a set. The problem is that I have virtually no market
>knowledge on the subject. I've had the opportunity to use an old
>non-iambic Vibroplex "clone" and liked its feel... but that is the extent
>of my experience.

>

>Thus, I ask for your comments and opinions on what's out there. I'm
>interested in two operating environments... home operations from the
>shack, and portable operations. This may require that I investigate and
>purchase a different set of non-iambic paddles for each operating
>environment... that is acceptable.

>

>72 / 73 KG0ZT Dave Cary - Rochester, MN (ARRL VE) QRP-L # 979

>

>

>

Dave, I have been on CW for over 50 years. I have used straight keys, bugs, iambic, sideswipers, keyboards, and just about everything else that has been available. But, I never did learn to use an iambic key the way it was intended to be used. I guess that too many years on a bug spoiled me, and I just could not get the hang of iambic, although I sure do envy people who use it. I found that using an iambic paddle caused me to make more mistakes than a single lever paddle, because I was always hitting the opposite lever, for some reason.

The only single lever paddle that I am familiar with is the Vibroplex Vibrokeyer. I have three of them here, and really like them. I find that set up properly, they can really move at a high rate of speed and have a nice feel to them.

I would like to try other single lever keys, but the only ones I have seen advertised have been expensive. And, I have not been able to find any evaluations of those keys. I am sure you will hear from others that have used other single lever paddles, and I hope they will send you the info via the group so the rest of us can learn from their experiences. But, if you don't find any others, the Vibrokeyer is really great, in my opinion.

73 de Jim, K5ROV

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "William R. Colbert" <V31XE@dzdn.com>
Subject: [12119] Re: number stations - conjecture
Message-ID: <33068F1E.4536@dzdn.com>

William R. Colbert wrote:

>
> I have been following the postings of several people including Jay,W6CJ,
> concerning the numbers stations (recently reported on 10.130). I have
> also heard them on 10.125, 10.115, etc in the 30 meter band, but as Jay
> points out, they are on many freq ranges. If the station is running cw,
> it is probably an A2 type transmission, sometimes if one is on the
> frequency before the start of scheduled transmission, the setup of the
> tones superimposed on the carrier can be heard (and sometimes additional
> voice channels in the background from crosstalk on the phone lines).
> A large number of these transmissions to non-U.S. operatives originate
> just to the south of the continental U.S. And just because the language
> is in German, Polish, Hungarian, or Spanish does not mean it originates
> in countries that speak any of those languages.
> One point to remember has been mentioned and that is the amateur
> operation on 30 meters is secondary, all other government, commercial
> type operations would be considered primary. Including the bothersome
> General Pacheco Radio-LOL telephone circuit out of Buenos Aires that
> insists on transmitting on 10.107. The numbers stations will probably
> not be bothered by operations on their freqs as most will be running
> from 10KW to 50 KW, depending on which country, and that is probably
> into a Log Periodic antenna. A significant number of these broadcasts
> contain operational instructions but a large number are practice. The
> practice transmissions are for propagation information. For example, if
> the particular government agency wants to have operatives in a specific

> location, they would do a month of practice transmissions, twice a day,
> twice a week, each on different frequencies (usually with a 2 to 4 Mhz
> separation). The operative would then send the results back as to what
> interference was encountered, how practical the frequencies were for
> the distance used, and other pertinent information. Therefore, if one
> is playing games on the transmit frequency, your new neighbor could be
> the recipient and a problem could occur. With the advent of the multiband
> Radio Shack DX390, 440, and 392 portable receivers, Sangean 803
> receivers and a number of others, the carrying of a portable radio
> does not attract suspicion. The old type such as the Grundig Yacht boy
> series without a bfo or product detector required the AM/AME with A2
> cw. That is less of a requirement now. To keep the suspicious items
> to a minimum, Jay is correct with the type of encryption - primarily
> the crossword type gridded matrix system is used. A commonly agreed
> upon commonly available novel will be the source of the codes and
> instructions are often contained in the trigraph callsign.
> As previously mentioned on the list, the various SLB's(T,F,S,U,K, etc)
> located on 40, 80, 30 and various non-amateur frequencies are used for
> propagation studies by the host country for various communications
> services including their HFDF networks, and although I don't recall
> now, but believe the beacons are also used by the illegal operatives
> to test propagation to/from selected areas.
> So, I hope that will answer some of the questions that have been
> raised here recently. It is probably a prudent move to qsy when
> one of these things appears as it may be on frequency from a few
> minutes to an hour - with no receiver?
> --
> Ray Colbert, W5XE, SOWP 1064M, FISTS 2146
> (also af852@rgfn.epcc.edu)
> El Paso, Texas

--

Ray Colbert, W5XE, SOWP 1064M, FISTS 2146
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [12182] Re: qrp dx qth?
Message-ID: <330741B0.414B@edcen.ehhs.cmich.edu>

Steve, DXbase sez VS96, VS97, and VS98 is equal to VS6/Hong Kong.
If you got the call right this is a great contact. Here in Michigan we
don't hear VS or that part of the world very often.

CUL

Gary/N8AYY

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [12123] Re: QRP Tuner..Need help
Message-ID: <199702160326.TAA00548@sierra.psnw.com>

At 06:46 PM 2/15/97 -0800, Jay & Jackie wrote:

> I'm sorry, but I'm mounting my tuner in the cabinet and can't figure
> out where to run the wire from the coax socket to the circuit board
> (transmitter side). I see the antenna side ok. Do I put it to J1, or
> through the center of T1?....Should I use RG174 (I have some) or just a
> piece of wire? Thanks in advance.

>

> Jay, W6JDB

>

> Oops...frustrated....it's the LDG QRP unit.

>

>

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: gsurrency@juno.com
Subject: [12141] Re: QRP Tuner..Need help
Message-ID: <19970215.222909.11134.0.gsurrency@juno.com>

The wire from the transmitter goes to the pad in the center of T1.
Solder it from the underside of the PCB before you mount it in
the cabinet, then you can trim the length properly to the S0-239
fitting after you place it in the cabinet.

I would suggest slightly larger wire than the enamel stuff used to
wind the toroids. That is what the manual suggests, but it is
pretty small stuff, and requires the enamel to be stripped off. Use some
#18 to #20 tinned buss wire if you have it, or just some plain old
hookup wire of the same size. RG-174 is not needed, since the
wire must have its electric field exposed to make the SWR sensor
work.

Sure wish they had used BNC chassis connectors for the Antenna and
Transmitter jacks on the Ten-Tec enclosure. Isn't that considered

the "standard" now by all QRPers? ;-)

73,

Gary AB7MY

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: victorj@fast.net
Subject: [12193] Re: QRP-L digest 638
Message-ID: <199702161842.NAA24677@post1.fast.net>

There have been some references to a coil modification for the SLV. Can some one repost the mods and where to get the parts ,ie the tined wire.
Thanks
Vic K3VP(ex WM3B)

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [12113] Re: Radials

>From: wylde@nccn.net (Grover, K7TP)
>Amongst the RSGB books I have on antennas it is strongly suggested that
>one go for more radials than fewer radials cut for resonance.

Hi Grover, to understand the principal involved, one should ask oneself if salt water is a good groundplane. Is salt water laid out in resonant lengths? Resonant radials may affect the feedpoint impedance but what we are after is something better than lossy ground for the radiated RF to bounce off of and the farther out from the antenna it ends, the better. We are better off forgetting any mental image of a resonant virtual other-half of the dipole.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: JCoote@aol.com
Subject: [12170] Re: Radials
Message-ID: <970216090602_1996478768@emout07.mail.aol.com>

In a message dated 97-02-15 01:22:51 EST, kb0rol@juno.com (Bradley L Mugleston) writes:

>
>I have 250 feet of three strand house wire that I am going to cut into
>radials for my vertical. I was going to cut a 20M/10M/5M and a
>5M/10M/20M section out of the first 25M length to give me two 80M 1/4
>radials, 2 40M 1/4 radials and 3 20M 1/4 radials. Can I leave them in
>the original outer wrap so I have a bundle of three radials X 2 or should
>I remove the outer cover and separate the radials. Also are there any
>combinations of radials I should avoid or strive for? The antenna
>covers the 80-40-20-15-10 M bands so I will be cutting other
>combinations.
>
>Thanks and I hope this makes sense.
>
>Brad Mugleston - KB0ROL

Brad and group,

ARRL and other antenna literature suggest you're better off using many radials, all of equal length, as the spokes in a wheel from the base of your roof or ground-mounted vertical. You're even better off using all 1/8 wave (approx) radials on the lowest band, rather than a few 1/4 radials for each band.

The practice of using 1/2 radials (1/4 wave) per band is something from the manufacturers. The higher resistance would make the SWR a little prettier in the advertisements. Better to have 35 ohms and lots of radials than one radial and 50 ohms ;-)

How many radials? 12, 15, 20 is good, especially when groundmounting.

Use thin, plastic jacketed stranded wire. I've had good luck with #22 wire radials attached to the roof material and no big insulators on the ends.

73, Jay
W6CJ

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: Stanley Wilson <microres@crl.com>
Subject: [12171] Re: Radials
Message-ID: <Pine.SUN.3.91.970216061503.10382A-100000@crl10.crl.com>

I have seen many reasons for using 1/8, 1/4 wave radials, etc.. However, RF is very empirical. The results often differ slightly than the theory.

I am an experienced design engineer with 30 years experience, I cut my teeth in AM and UHF TV broadcasting before obtaining my BSEE. I have 40

years plus amateur radio building and operating experience. The following is what I have found WORKS.

First as many radials as possible of any length if the antenna is ground mounted. Ground rods as long as possible at the base of the antenna. I use at least three 8 foot ones. I also use short 3 to 6 ft ground rods at the end of each radial.

Results, I have worked other stations all over the world on SSB and CW.

Last year I ran several beacon tests. Result: The best signal reports in both quantity and signal level came from the direction of the longest radials. No reports came from a couple of areas without radials in that direction. My power level was 250 milliwatts. Many signal reports were 579 to 599. Average 459 to 579.

SO put down as many as possible of all lengths. What ever your property provides room to do. Use all the copper you got. Covered, uncovered, etc. I like to have it about 6" below the surface. Tune the antenna after the radials are all down. I tune by varing the vertical length until I obtain a 1:1 VSWR at the base of the antenna. I then feed the antenna with 1/2 wave of coax (electrical length). I use a grid dip meter to tune the coax length (see how to do this in some of the old arrl handbooks).

Then call CQ and have Fun.

73 de stan AK0B

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: Dave Sjolín <sjolin@swbell.net>

Subject: [12199] Re: Radials

Message-ID: <3306C1C4.6ABF@swbell.net>

Grover, K7TP wrote:

>

> Amongst the RSGB books I have on antennas it is strongly suggested that one
> go for more radials than fewer radials cut for resonance. A quick reading
> of the literature would suggest that you will do quite well with a
> ground-mounted vertical if you can get 20-30 radials at least .10
> wavelength at the lowest frequency of interest. This flies against the
> conventional "wisdom" but often this "wisdom" isn't.

>

Grover, you stated it a lot clearer than I. More important to have a

good number of radials rather than a lesser number cut to resonance.

I have a Butternut HF2V with 16 radials (all under 30 feet in length) and the antenna is dynamite, particularly on 40 meters. During the DX contest this weekend, I worked 9G5, D2, and V51 all on one call. The antenna stinks on 160 though. I do almost as well with my dummy load.

73 de Dave, N0IT

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: Steve Miller <kg7pv@teleport.com>

Subject: [12178] RE: TICK Keyer Mod

Message-ID: <1.5.4.32.19970216163121.00688630@mail.teleport.com>

You wrote:

>Which version is correct? I would hate to cut the wrong trace.

>Any help you experienced NC38S fanatics might have to offer

>would be much appreciated. Thanks.

>

>Dennis, NX5W

>

Dennis, since I did it wrong the first time here is my explanation.

Find C32 on the top of the board (component side) then turn the board over to the solder side and find C32 again. A strong light helps to see through the board. Cut the right side trace while looking at the solder side (which is the left trace while looking at the top component side of the board).

The correct cut leaves you with just the solder point to that side of C32. Hook your new resistor to that just isolated point and then hook the other end of the resistor to the end of R19 nearest the bottom of the board. This is just to the left of pin 8 of U5 when looking at the top component side of the board. GL, the mod works fb here. 73

Steve Miller KG7PV Portland, OR

(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: JCoote@aol.com

Subject: [12168] Re: Ultimate portable QRP
Message-ID: <970216090544_1678553136@emout02.mail.aol.com>

In a message dated 97-02-14 11:17:23 EST, JMG@tntech.edu (Jeff M. Gold) writes:

>was thinking maybe if I used a 30 meter dipole and if the LDG QRP
>tuner would work to tune it for 20 and 40 (80 might be nice).. I
>could take the plus, a gel cell, the small dipole and tuner up
>into the Smokys
>
>think it will tune the dipole.. have a 20 meter now.. wonder if it
>would tune that
>
>73
>
>jeff
>

It will work, but remove the coax from the dipole and feed the dipole with a good quality TV (300 ohms) line, or if you can stand the bulk, 450 ohm "ladder" line. Coax is only good if the antenna feedpoint is 50 ohms-typically on a few tens or hundreds of Khz in one Amateur band only. "Forcefeeding" the wrong freq into the coax merely lets the transmitter see a nice, flat 50 ohms load but does nothing for loss, efficiency, etc.

Now that it's an all-band antenna, experiment with flat-top and feeder combinations to get something which tunes easily on all bands.

The dimensions of the G5RV dipole are good for that.

The antenna will be less efficient if you load it on bands where it is shorter than 1/2 wavelength (ex: 1/8 wavelength or shorter per leg).

73, Jay
W6CJ

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: [12124] Re: Unusual NC38 construction
Message-ID: <v01530500af2c3138c562@[199.120.150.107]>

No, there wasn't a problem. First off mine is not a nice new pickup, wish it was. Also, I had the two windows rolled all the way down, that's why it was 28F in there. Having worked with high altitude (25,000 ft +) O2 systems, the problems associated with using any combustion process inside a

closed area is quite obvious.

72

Mike WA6ARA

>Hi Mike,

>

> Just wondering, did you get a headache?

>

>

>On Fri, 14 Feb 1997 19:00:09 -0800 herr@ridgecrest.ca.us (Michael Herr)

>writes:

>

>>into the cab of the pickup, NC38 in my lap and a butane soldering

>>iron ... at 8000ft

>

>

>Nice new tight pick-up, high altitude, butane soldering iron... I

>wonder what your carbon monoxyhemoglobin level was? Don't know what

>the combustion efficiency of one of those butane torch/soldering irons

>is- probably much greater than a candle ordinarily, (see my "Killer

>Candles" post), although maybe at 8,000 ft. it is starved and makes

>MORE than a candle usually does. The principle remains is the same.

>Combustion in a closed space is dangerous.

>

>

>> problems were . . . runing out of gas!

>

>

>That may have saved your life. That and passers-by for whom you had to

>open your window to explain. No kidding- a few refills on that iron

>and ... silent key. May I suggest you stop by Radio Shack and pick up

>one of their 12v soldering irons (15w). They are cheap and work fine.

>

>

>73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

>

>

>-----whom the gods would destroy, they first make proud -----

>

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: Bob Hightower <ki7mn@dancris.com>

Subject: [12128] Re: UTC Speak QED

Message-ID: <199702160408.VAA15450@dancris.com>

At 05:45 PM 2/15/97 -0800, you wrote:

>If you know your longitude, dividing by 15 will give the zone. You should
>know which direction you are from Greenwich (think of London). The zones in
>the US are: EST = -5, CST = -6, MST = -7, PST = -8. To find the UCT from
>your time zone algebraical apply your zone description to your local time.
>Using the 24 hour military system makes it a LOT easier. Daylight Saving
>Time reduces the zone by 1 hour.

>

>In either case, for example, if you are on the West Coast the Zone
>Description is -8 and it is now 1700 (5:00PM). $17:00 - 8 = 0900$ (9:00AM).
>In other words for a minus(-) zone back up that many hours, for a plus(+)
>zone add that many hours from your time zone.

And, for those interested, I have a UTC-Standard time conversion chart for
the US and Alaska on my web page.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [12150] Re: UTC Speak QED

Message-ID: <Pine.SUN.3.90.970215230331.22803G-1000000@vortex.sage.dri.edu>

Hi Dan and List,

UTC is "Z" time. ie 1323z.

What is the letter identifier for PST?

Thanks, cu1,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Sun Feb 16 18:05:41 1997

From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [12210] Re: Vanity Call Sign Question
Message-ID: <Roam.3.0.1.856134875.17878.myers@bigboy>

> Could someone who's done this answer a couple of dumb questions I have not
> been able to figure out myself?

Perhaps...

> If you apply for a vanity call sign using the FCC's electronically filed
> form, how do you send the \$30.00 to the Pittsburgh address that collects the
> money? I see no mention of the way to pay on the electronic form.

The electronic form instructs you to send in some other form, and even gives you a mostly fill-ed out version that you can save and print (I saved it as Postscript from Netscape and then printed it on a Laserwriter).

I asked the friendly FCC Consumer helper if my electronic 610V would be delayed waiting for the \$30 to show up. She said it wouldn't.

I submitted my application on Day One of Gate Two; I waited until I saw my application had been processed before sending in the \$30. No problem in my case. Note that I'm not one of the people that was psychotic over getting a vanity call; so, if you're really worried about it, don't believe me and double check with the nice folks at the FCC Consumer Service group. They're great.

> Also, how do you find out if a desired 1X3 call is unused? The QRZ web page
> list only lists unused 1X2 and 2X1 calls. Or do I just guess and hope that
> within 25 choices one of my guesses is real?

"Guesses are real"? There are well-defined callsign groups available in the USA. A 1x3 will always start with a K, N or W; there's a good FCC web page which details the available call groups.

If you look up a call and it is either not found or more than two years past expiration, it is fair game.

I only had two requests on my 610V and got #1. Heh heh.

Dana K6JQ
Dana@Source.Net